

FEBRUARY 15TH, 1895.

H. W. JOHNS M'F'G. CO.

T M A R A D E M A R K  
**ASBESTOS**

NEW YORK,

87 MAIDEN LANE.

NEW YORK,  
JERSEY CITY, CHICAGO,  
PHILADELPHIA, BOSTON,  
LONDON.



## PAINTS, COLORS, ETC.

## ROOFING AND FIRE-PROOF CONSTRUCTION MATERIALS.

### NON-CONDUCTING COVERINGS.

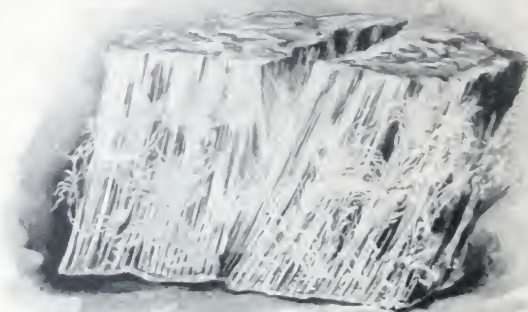
## STEAM PACKINGS.

FIRE-PROOF CEMENTS, ETC.

ASBESTOS FABRICS, TUBES, BLOCKS, ETC.

Asbestos Household Articles....30

ἄσβεστος



*Specimen of Asbestos in its natural state.*

AS there are many inferior imitations of our ASBESTOS manufactures, we call attention to the fact that all our goods bear our name or trade mark,

ASBESTOS

Nearly all our ASBESTOS MATERIALS are patented. We would, therefore, caution the public against the use of infringing articles.

All practical forms of ASBESTOS now in use were invented by H. W. JOHNS.

H. W. JOHNS MANUFACTURING CO.

87 MAIDEN LANE, NEW YORK.

JERSEY CITY,

CHICAGO,

BOSTON,

PHILADELPHIA,

LONDON.

## 1858=1895.

I N 1858 we commenced the manufacture of Paints and Coatings for roofs and for preserving wood, metals, fabrics, etc., and shortly after produced our portable ROOFING, which, in an improved form (the well-known ASBESTOS ROOFING), is now in general use in nearly all parts of the world.

In 1868 we first made known the results of our long continued experiments with the indestructible fibrous mineral, ASBESTOS, then comparatively unknown, and commenced the manufacture of the numerous specialties composed wholly or in part of Asbestos, which have since become recognized standard articles for mechanical, structural, electrical, and other purposes.

In 1874 we commenced the manufacture of LIQUID PAINTS. Our success in this branch has been unparalleled, no other paints for structural decoration having so large a sale and commanding so high a price, in this country or abroad.

In 1886 THE JOHNS-PRATT CO. was organized at Hartford, Conn., for the manufacture of Vulcabeston, now so widely used for Electrical Insulation and Steam Packing. They have since acquired the Moulded Mica interests of the Gould & Watson Co., of Boston.

In 1891, THE H. W. JOHNS M'FG CO., THE CHALMERS-SPENCE CO., ASBESTOS PACKING CO., SHIELDS & BROWN CO., and CHARLES W. TRAINER & CO., were consolidated; since which time additions have been made to the manufactories in New York and Chicago which more than double the former manufacturing facilities of the combined companies, and form the most extensive works for analogous purposes in the world. Our customers will continue to receive the advantages consequent upon the economy of manufacturing under one management.

1858-1895



## H. W. JOHNS' LIQUID PAINTS.



These are in every respect strictly first-class Paints, composed of pure linseed oil and the highest grade of pigments. They are combined by processes exclusively our own, and are unequalled by any in richness and permanency of color. As, in addition to the usual grinding, these Paints are re-ground while in the liquid state, they are far

superior to ordinary paints in their covering properties, and the general testimony is that from fifteen to twenty-five per cent. of the usual cost of painting can be saved by their use.

They are prepared ready for use in fifty-six standard colors, and are sold by U. S. standard gallon measure, which contains from 8 to 12 per cent. more than is usually sold for a gallon.

One gallon will cover from 275 to 300 square feet, two coats, without thinning, and can be thinned with  $\frac{1}{2}$  gallon pure linseed oil to one gallon of paint for first coat.

Sample Card, Instructions for use and suggestions for painting, etc., free by mail.

# ASBESTOS

THE ABOVE IS A FAC-SIMILE OF OUR TRADE-MARK, WHICH WILL BE FOUND ON EVERY PACKAGE OF OUR PAINTS.

Prices per U. S. Standard Gallon, 231 cubic inches, for all Ordinary Shades :

Bbbs., per gal., 45 to 30 gals.	Kegs, per gal. 20, 15, 10 & 5 gals.	Pails & Cans, per gal., 3, 2 & 1 gal.	$\frac{1}{2}$ gal. Cans, each.	Quarts, each.	Pints, each.
\$1.75	1.80	1.85	1.00	.55	.30
Inside and Outside White,*	Bbbs. } \$1.90	Kegs. } 1.95			
No. 93, Azure Blue,		2.00	2.05	1.10	.60
No. 62, Dark Green,		2.75	2.80	1.15	.60
No. 12, Vermilion,		3.80	3.85	1.50	.80
No. 10, Standard Green,		3.25	3.30	2.00	1.05
				1.70	.95
					.50

\* Ivory White (for outside work) at same prices as ordinary shades.

Screen Black.—Ready for use, for painting wire screens. Per pint, 30 cts., small cans (as described on page 5), 15 cts.

Liberal Discounts to large Consumers.

## LIQUID PAINTS—Continued.

## SMALL CANS,—FOR DOMESTIC USE.

We also supply our Liquid Paints in small cans containing sufficient to cover about 25 square feet, which will be found convenient for household purposes.

Ordinary Shades, per can .....	15 cts.
Inside and Outside White; and No. 93 Azure Blue, per can, 16 "	"
No. 10, Standard Green ; No. 12, Vermilion, No. 62, Dark Green .....	20 "

## ROOF AND RAILWAY PAINTS.



These paints are prepared ready for use, and possess a very elastic body. They are especially adapted for painting Tin and other Roofs, Railroad Buildings, Bridges, Freight Cars, Steam boat Decks, Boats, Outbuildings. Fences, Gas Holders, etc. One gallon will cover from 350 to 400 square feet, one coat. Sample cards furnished on application.

Per Gal. U. S. Standard Measure.	Bbls., 45 to 30 gals.	Kegs, 20, 15, 10 & 5 gals.	Pails, 3, 2 & 1 gal.
Brown .....	\$1.00	1 05	1.10
Dark Red .....	1.25	1.30	1.35
Gas-Holder Paint .....	1.35	1.40	1.45
Red, Gray, Buff, Dk. Slate, } Yellow and White .... }	1.30	1.35	1.40
Moss Green .....	1.75	1.80	1.85

## FLOOR PAINTS.

These are prepared especially for the purpose, and possess an unusually heavy body. They will dry within 10 hours, with a firm, hard gloss. Sample cards free by mail.

Per Gal. U. S. Standard Measure.	Bbls., 45 to 30 gals.	Kegs, 20, 15, 10 & 5 gals.	Pails, 3, 2 & 1 gal.	½ gal. Each.	Quarts. Each.	Pints Each.
Lead .....						
Dk. and Lt. Yellow, Maroon Border, Terra Cotta .....	\$1.35	1.40	1.45	.75	.45	.25
Silver Gray .....	1.50	1.55	1.60	.85	.50	.30

Paints for special purposes made to order.

Liberal Discounts to large Consumers.

## LIQUID COACH COLORS.

These are prepared ready for use, for re-painting Carriages, Wagons, Carts, Sleighs, Buggies, and for Lawn Furniture and Enamel Work. They can be easily applied, dry rapidly with a firm, hard gloss, and do not require to be either rubbed or varnished. One quart is sufficient for an ordinary sized wagon.



	Quarts.	Pints.	½ Pints.
Black .....	\$ .80	45 cts.	30 cts.
Lt. Green, Dk. Green, Lt. Wine, Dk. Wine, } White, Yellow, Blue, Vermilion.....	1.00	55 "	35 "

## BATH-TUB ENAMEL.

Ready for use, for enameling inside of copper or iron baths, or the outside of porcelain lined tubs.

	Quarts.	Pints.
Ivory White .....	\$ .85	.45
White .....	1.10	.60
Other Shades to Order.		

## HOUSEHOLD ENAMEL PAINT.

This is supplied ready for use in small cans sufficient for painting about 20 square feet of surface. It is designed for chairs, tables, picture frames and ordinary decorative painting where an enamel finish is desired. In twelve shades. See special sample card. Per can, 25 cts.

## LIQUID PRIMING.

Prepared ready for use for first coating on all new wood or brick work. Suitable for use with any shade of Paint. We recommend its use with all our Paints.

	Per Gal. U. S. Standard Measure.	Bbls., 45 to 30 gals.	Kegs, 20, 15, 10 & 5 gals.	Pails, 3, 2 & 1 gal.
White or Yellow .....		\$1.15	1.20	1.25
Other Shades to Order.				

## LIQUID DRYER.

This is superior in drying qualities, lightness of color and uniformity. It possesses unusual strength, is suitable for all linseed oil Paints, and will not discolor the most delicate tints. No other Dryer should be used in our Paints.

	In Nozzle Cans, boxed for shipment.	10 & 5 gals. per gal.	1 gal. per gal.	½ gal. each.	Quarts. each.	Pints. each.	½ Pts. each.
U. S. Stand. Measure	\$1.25	1.50	.80	.45	.30	.20	

Liberal Discounts to large Consumers.



## FINE COLORS IN OIL.

These colors are prepared from carefully selected pigments, ground in pure linseed oil, for the use of Painters and Decorators, and are unequalled in strength and fineness.

Per lb. in 1 and 5 lb. cans.

<b>Umber,</b>	Best Turkey, Raw and Burnt .....	\$ .18
<b>Sienna,</b>	Best Italian, Raw and Burnt .....	.18
<b>Brown,</b>	Vandyke .....	.18
<b>Yellows,</b>	Chrome, L., M., O. & D. O. ....	.20
	Roman Ochre .....	.25
	Golden Ochre .....	.18
	Yellow Ochre .....	.13
	Stone Ochre .....	.15
	French Ochre .....	.12
<b>Blacks,</b>	Sign Writers' .....	.24
	Drop .....	.20
	Ivory .....	.20
	Coach .....	.20
	Lettering .....	.20
	Refined Lamp-Black .....	.20
<b>Blues,</b>	Chinese (½ lb. cans 30c. ea., ¼ lb. cans 18c. ea.) .....	.45
	Azure .....	.32
	Prussian (½ lb. cans 25c. ea., ¼ lb. cans 15c. ea.) .....	.38
	Ultramarine (½ lb. cans 15c. ea., ¼ lb. cans 10c. ea.) .....	.25
<b>Greens,</b>	French Verdigris .....	.38
	Permanent .....	.38
	Paris .....	.25
	Chrome, L., M. & D. ....	.18
	Window Blind, L., M. & D. ....	.18
<b>Vermilions,</b>	English, L. & D. (Subject to change.) .....	1.25
	American, L. & D. ....	.28
<b>Reds,</b>	Rose Pink .....	.23
	Tuscan .....	.23
	Indian .....	.20
	Venetian .....	.12
<b>White,</b>	Flake .....	.25

## IRON FILLER.

This is designed for filling all cast-iron work, as Machinery, Fences, Pillars, etc., to make a smooth, even surface for painting. It may be sandpapered or pumice-stoned for fine work. Per lb., 15 cents.

Liberal Discounts to large Consumers.

**WOOD FILLERS.**

**LIQUID**—Supplied ready for use, a superior filler for white-wood, pine, and other close grained woods. It is especially adapted for sizing plastered walls, canvas work, etc., before painting. One gallon will cover 400 square feet of surface.

Gallons, each.	½ Gal., each.	Quarts, each.	Pints, each.
\$1.75	.95	.50	.30

**PASTE**—Ground in Gold Size Japan, for use on oak, ash, etc. Dk., Lt., and Mahog'y, in 1, 5 and 25 lb. cans, per lb. . . . .15

**WOOD STAINS.**

**LIQUID.**—Prepared ready for use. They possess great strength and covering capacity, and are a combined filler and stain. One quart will cover about 800 square feet.

	Gallon.	½ Gallon.	Quart.	Pint.	½ Pint.
Antique Oak, Walnut, Mahogany and Cherry, }	\$1.85	1.00	.55	.30	.20

**PASTE.**—We also supply these Stains in form of a stiff paste, ground in pure Gold Size, to be thinned as desired with Turpentine. One pound will produce over one quart of strong Stain. Full directions for using on every package.

In 1, 5 and 25 lb. cans.

Antique Oak, Walnut, Mahogany and Cherry, per lb. . . . .	25 cts.
Ebony . . . . .	45 "
½ lb. cans 5 cts. per lb. advance. Sample sheets on application.	

**SHINGLE STAINS.**

Composed of pure colors and the best preservative materials known. Prepared ready for use, in twenty colors. One gallon will "dip" about 500 shingles or cover 150 to 200 square feet of surface.

Samples on wood sent free on application.

Per gallon, in bbls., 60 cts.; in kegs, 65 cts.; in pails, 70 cts. Special shades made to order.

**LINSEED OIL.**

We supply our customers with strictly pure raw Linseed Oil, as used in our Paints, at New York market prices, in barrels. For smaller quantities the following charges will be added for packages.

15 to 10-gallon	5-gallon	3-gallon	2-gallon	1-gallon
\$1.00	.60	.50	.35	.25

**IRON OXIDE PAINT.**

This Paint is ground very fine, mixes readily with Raw or Boiled Oil, and is superior in color (a rich dark red) to any other Metallic paint.

**DRY**, in kegs, half-bbls. and bbls., from 100 to 300 lbs. ea. Per lb. 2½ cts.  
**IN OIL**, in 25, 50 and 100-lb. pails and kegs. . . . . 7 "

We also manufacture a line of fine Varnishes. For description and prices see Special List.

**Liberal Discounts to large Consumers.**

**ASBESTOS FIRE-PROOF PAINTS.**

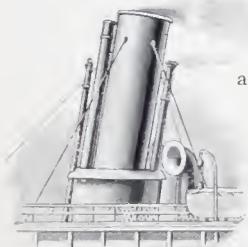
**For Inside Work.**—These Paints are prepared ready for use in white and light tints, exclusively for inside rough woodwork of Factories, Warehouses, Boiler-Rooms, Cotton-Gin Houses, Theatres, Cellars, Attics, Stables, etc., for which purposes they are as durable as ordinary oil paints, and afford a valuable protection against sparks, cinders or light flames. One gallon will cover about 150 square feet, two coats.

	Bbls., 50 to 30 gals.	Kegs, 20, 15, 10 & 5 gals.	Pails, 3, 2 & 1 gal.
Per Gal. U. S. Standard Measure.	65 cts.	70 cts.	75 cts.

**FIRE AND WATER-PROOF PAINTS.**

**For Outside Work.**—These Paints form a reliable protection against burning sparks and cinders and also withstand the action of the weather. They are especially valuable for Wooden Factories, Warehouses, Railroad Fences, Station and Freight Houses, Bridges, Roofs, etc. They are supplied in all the shades of our Roof and Railway Paints (see page 5). One gallon will cover from 350 to 400 square feet, one coat.

	Bbls., 45 to 30 gals.	Kegs, 20, 15, 10 & 5 gals.	Pails, 3, 2 & 1 gal.
Per Gal. U. S. Standard Measure.	\$1.75	1.80	1.85
Railroad-Fence Paint, Fire- Proof, Red and Brown, }	1.15	1.20	1.25

**SMOKE STACK PAINT.**

This is especially adapted for Smoke Stacks, Boiler Fronts, and all heated iron work. It is supplied ready for use in all ordinary shades, excepting black. When black is required use our Smoke Stack Asphaltum Varnish. (See special Varnish List).

Per Gal., in Bbls., \$1.40;  
Kegs, 1.45; Pails, 1.50.

**ASBESTOS CONCRETE COATING.**

Is strictly fire-proof, and made Thick and Thin of proper consistency to be applied with a trowel or a stiff brush. This Coating forms a durable surface on beams, posts, partitions, roof boards, and other inside rough woodwork exposed to flames or intense heat. 100 lbs. will cover about 200 square feet  $\frac{1}{8}$  of an inch thick.

Casks of from 600 to 400 lbs., per lb. .... 6 cts.  
Kegs of from 300 to 100 lbs., per lb. ....  $6\frac{1}{2}$  "

**Liberal Discounts to large Consumers.**

## ASBESTOS ROOFING.

(PATENTED.)



This Roofing consists of strong canvas, combined with a superior quality of felt and a manila lining or "backing," water-proofed and compressed into a compact, flexible sheet resembling leather; it is suitable for Factories, Foundries, Warehouses, Railroad Buildings, Bridges, Car and Steamboat Decks, etc.; also for floor covering in jewelers' and other work-shops, stables, etc. It is supplied in rolls 32 inches wide, containing 200 square feet, with allowance for 2-inch laps, and is packed in cases ready for shipment. It weighs, with Coatings complete, including packages, only about 85 lbs. to 100 square feet, and, when protected with our Asbestos Roof Coating and the Fire-Proof Coating,\* forms a light, cool and durable roof, which is proof against burning sparks and cinders. It is adapted for steep or flat roofs in all climates, costs only about half as much as tin and can be readily applied by any one. It requires occasional re-coating.

"Per Square" (100 sq. ft.), with allowance for 2-in. laps, with Roof Coating, Fire-Proof Coating and Nails, complete ..... \$4.50  
When ordering, make allowance for extra joints, gutters, etc.



F—Felt; AA—Layers of Water-proof Composition; C—Canvas;  
M—Manila Lining.

Particular attention is called to the above cut, showing, on an enlarged scale, a section of the foundation of the genuine; the actual thickness is about one-tenth of an inch.

Inferior Roofings similar in appearance to ours, are offered as Asbestos Roofings. Send for samples of the Genuine for comparison before purchasing.

*Samples and special pamphlet will be sent on application.*

\* The Fire-Proof Coating is made in the following colors: White, Gray, Red and Brown. White will be sent, unless otherwise ordered.

**Liberal Discounts to large Consumers.**

**ASBESTOS ROOF COATING.**

This Coating is composed of ground Asbestos and Silica, combined with partially distilled coal tar and an acid and water-proof composition, and is prepared ready for use, to be applied with a brush. It is used for coating the Asbestos Roofing, and forms a durable and economical Coating for Felt and Canvas Roofs. It is also used for coating posts, spiles, dock-timbers, etc., being an excellent preservative and proof against worms. One gallon will cover 100 square feet, one heavy coat.



Per Gal. U. S. Standard Measure.	Bbls., 50 to 30 gals.	Kegs, 20, 15, 10 & 5 gals.	Pails, 3, 2 & 1 gal.
	40 cts.	45 cts.	50 cts.

**ASBESTOS ROOF CEMENT.**

This is prepared ready for use, and forms an elastic, adhesive compound, of a consistency to be easily applied with a trowel. It is used for repairing leaks around chimneys, dormer-windows, sky-lights, scuttles, etc., on all kinds of Roofs, and for broken joints, nail and rust holes in Tin Roofs, etc.

Leaky Tin and Iron roofs can be rendered serviceable for many years with the Brown Cement and our Asbestos Roof Paints. (See page 5.)

The Black Cement is used with our Asbestos Roof Coating for repairing old Canvas, Felt and other Roofs.

Full instructions on every package.

	50 & 25-lb. Pails.	10-lb. Cans.	5-lb. Cans.
Black . . . . .	5 cts. per lb.	75 cts. each.	50 cts. each.
Brown . . . . .	8½ " " "	\$1.00 " "	75 " " "

**ROOF BRUSHES.**

Our Roofing Brushes are manufactured expressly for applying our Asbestos Roof Paints and Roof Coating, and are the best brushes made for the purpose.

	EACH.		EACH.
1st Qual., "B" 3-Knot,	\$1.50	2d Qual., "C M" 3-Knot,	\$1.15
" " 4 " "	2.00	" " 4 " "	1.50

**ROOFING NAILS.**

Our Barbed Roofing Nails are made with extra large heads, expressly for our Asbestos Roofing. About 1¼ lbs. are required for one square (100 square feet). Per lb. . . . . 10 cts.

Liberal Discounts to large Consumers.



## ASBESTO-SPONGE FELTED COVERING.

(PATENTED.)



## For Steam Pipes.

This Covering is composed of Asbestos and Sponge felted and formed into cylinders, which are cut longitudinally, and can be readily "sprung" over the pipe.

It is a better non-conductor than any other, and is adapted for both high and low steam pressure; as it is very elastic, it is specially valuable wherever there is danger of injury from motion or vibration.

This Covering is finished with a canvas jacket, with lap to be pasted, and metal bands forming a neat finish over joints.

In sections 3 ft. long. Elbows, Tees, etc., to match.

Inside Diameter of Pipe.	Covering, Per Foot.	Elbows, Each.	Tees, Each.	Valves, Each.
$\frac{1}{2}$ & $\frac{3}{4}$ in . . . .	20 cts.	27 cts.	35 cts.	27 cts.
1 " . . . .	23 "	27 "	35 "	27 "
1 $\frac{1}{4}$ " . . . .	25 "	27 "	35 "	27 "
1 $\frac{1}{2}$ " . . . .	27 "	27 "	35 "	27 "
2 " . . . .	30 "	30 "	40 "	30 "
2 $\frac{1}{2}$ " . . . .	35 "	35 "	45 "	45 "
3 " . . . .	40 "	40 "	55 "	55 "
3 $\frac{1}{2}$ " . . . .	44 "	45 "	60 "	60 "
4 " . . . .	48 "	50 "	65 "	65 "
4 $\frac{1}{2}$ " . . . .	53 "	60 "	74 "	74 "
5 " . . . .	58 "	69 "	80 "	80 "
6 " . . . .	63 "	82 "	92 "	92 "
7 " . . . .	69 "	95 "	1.05 "	1.05 "
8 " . . . .	75 "	1.13 "	1.25 "	1.25 "
9 " . . . .	85 "	1.25 "	1.50 "	1.50 "
10 " . . . .	95 "	1.40 "	1.75 "	1.75 "

Liberal Discounts to large Consumers.

## ASBESTOS FIRE-FELT COVERING.

(PATENTED.)



## For Steam Pipes, Etc.

This Covering is made entirely of Asbestos fibre, closely united into a strong, but light, felt-like fabric. It is a superior non-conductor, is absolutely fire-proof and is adapted for highest steam pressure and for super-heated pipes. It is specially valuable for Car Heating Pipes.

It is supplied in sections 3 feet long, with canvas cover and bands or straps for fastening.

Elbows, Tees, Valves and other fittings to match.

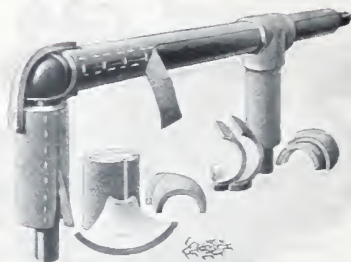
Inside Diameter of Pipe.	Covering, Per Foot.	Elbows, Each.	Tees, Each.	Valves, Each.
$\frac{1}{2}$ & $\frac{3}{4}$ in....	20 cts.	27 cts.	35 cts.	27 cts.
1 "....	23 "	27 "	35 "	27 "
1 $\frac{1}{4}$ "....	25 "	27 "	35 "	27 "
1 $\frac{1}{2}$ "....	27 "	27 "	35 "	27 "
2 "....	30 "	30 "	40 "	30 "
2 $\frac{1}{2}$ "....	35 "	35 "	45 "	45 "
3 "....	40 "	40 "	55 "	55 "
3 $\frac{1}{2}$ "....	44 "	45 "	60 "	60 "
4 "....	48 "	50 "	65 "	65 "
4 $\frac{1}{2}$ "....	53 "	60 "	74 "	74 "
5 "....	58 "	69 "	80 "	80 "
6 "....	63 "	82 "	92 "	92 "
7 "....	69 "	95 "	1 05 "	1 05 "
8 "....	75 "	1 13 "	1 25 "	1 25 "
9 "....	85 "	1 25 "	1 50 "	1 50 "
10 "....	95 "	1 40 "	1 75 "	1 75 "

Liberal Discounts to large Consumers.

## "NATIONAL" COVERING.

(PATENTED.)

For Use where 85 lbs. or less Steam is Carried.



This Covering is made in sections three feet long, and is composed of corrugated soft wool felt, alternated for three rows with Asbestos Sheathing.

Owing to the corrugations in the alternate layers of felt, the sections, are full of confined air spaces, forming a covering unsurpassed for ordinary steam pressure. It is highly ornamental in appearance, and is therefore particularly desirable for public buildings, hotels, etc.

Elbows, Tees, etc., to match.

Inside Diameter of Pipe.	Covering, Per Foot.	Elbows, Each.	Tees, Each.	Valves Each.
$\frac{1}{2}$ & $\frac{3}{4}$ in. . . . .	15 cts.	19 cts.	27 cts.	20 cts.
1 " . . . . .	17 "	19 "	27 "	20 "
1 $\frac{1}{4}$ " . . . . .	18 "	19 "	27 "	20 "
1 $\frac{1}{2}$ " . . . . .	19 "	19 "	27 "	20 "
2 " . . . . .	22 "	22 "	29 "	23 "
2 $\frac{1}{2}$ " . . . . .	24 "	24 "	33 "	33 "
3 " . . . . .	28 "	28 "	39 "	39 "
3 $\frac{1}{2}$ " . . . . .	32 "	32 "	43 "	43 "
4 " . . . . .	34 "	34 "	47 "	47 "
4 $\frac{1}{2}$ " . . . . .	37 "	37 "	50 "	50 "
5 " . . . . .	38 "	38 "	53 "	53 "
6 " . . . . .	44 "	44 "	60 "	60 "
7 " . . . . .	50 "	50 "	69 "	69 "
8 " . . . . .	55 "	55 "	77 "	77 "
9 " . . . . .	60 "	60 "	85 "	85 "
10 " . . . . .	68 "	68 "	94 "	94 "

Liberal Discounts to large Consumers.

## ASBESTO-SPONGE MOULDED COVERING.

(PATENTED.)



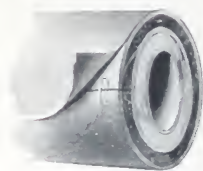
This form of Covering is offered as the most durable and effective Moulded Non-Conducting Covering yet produced. It combines the advantages of our Asbesto-Sponge Cement Felting in a portable form, is absolutely fire-proof, and is adapted for highest steam pressure. It is supplied in sections of all sizes, three feet long, which are provided with canvas jackets and metal bands to hold them firmly in place, and can be easily applied by unskilled workmen.

Inside Diameter of Pipe.	Covering, Per Foot.	Elbows, Each.	Tees, Each.	Valves, Each.
$\frac{1}{2}$ & $\frac{3}{4}$ in. . . .	17 cts.	20 cts.	28 cts.	21 cts.
1 " . . . .	18 "	20 "	28 "	21 "
1 $\frac{1}{4}$ " . . . .	19 "	20 "	28 "	21 "
1 $\frac{1}{2}$ " . . . .	20 "	20 "	28 "	21 "
2 " . . . .	23 "	23 "	30 "	24 "
2 $\frac{1}{2}$ " . . . .	25 "	25 "	34 "	34 "
3 " . . . .	30 "	30 "	42 "	42 "
3 $\frac{1}{2}$ " . . . .	34 "	34 "	45 "	45 "
4 " . . . .	37 "	37 "	50 "	50 "
4 $\frac{1}{2}$ " . . . .	39 "	39 "	54 "	54 "
5 " . . . .	42 "	42 "	57 "	57 "
6 " . . . .	48 "	48 "	64 "	64 "
7 " . . . .	54 "	54 "	74 "	74 "
8 " . . . .	62 "	62 "	82 "	82 "
9 " . . . .	67 "	67 "	92 "	92 "
10 " . . . .	74 "	74 "	1.00	1.00

Liberal Discounts to large Consumers.

## ASBESTOS AND HAIR FELT REMOVABLE COVERING.

(PATENTED.)



This form of our Air-Chamber Covering is composed of Standard Hair Felt with an inner layer of Asbestos Fibre of equal thickness, and a lining of Asbestos Sheathing, the whole enclosed in a strong wrapper. We offer this as the most durable portable form of Hair Felt Covering, suitable for all but high pressure service.

In sections three feet long, cut to pass over the pipe ; strips and staples sent with each shipment.

Special Fittings are supplied with this covering.

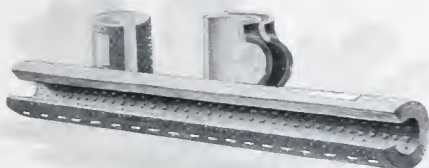
Inside Diameter of Pipe.	Covering, Per Foot.	Elbows, Each.	Tees, Each.	Valves, Each.
$\frac{1}{2}$ & $\frac{3}{4}$ in. ....	15 cts.	19 cts.	27 cts.	20 cts.
1 " ....	17 "	19 "	27 "	20 "
1 $\frac{1}{4}$ " ....	18 "	19 "	27 "	20 "
1 $\frac{1}{2}$ " ....	19 "	19 "	27 "	20 "
2 " ....	22 "	22 "	29 "	23 "
2 $\frac{1}{2}$ " ....	24 "	24 "	33 "	33 "
3 " ....	28 "	28 "	39 "	39 "
3 $\frac{1}{2}$ " ....	32 "	32 "	43 "	43 "
4 " ....	34 "	34 "	47 "	47 "
4 $\frac{1}{2}$ " ....	37 "	37 "	50 "	50 "
5 " ....	38 "	38 "	53 "	53 "
6 " ....	44 "	44 "	60 "	60 "
7 " ....	50 "	50 "	69 "	69 "
8 " ....	55 "	55 "	77 "	77 "
9 " ....	60 "	60 "	85 "	85 "
10 " ....	68 "	68 "	94 "	94 "

Liberal Discounts to large Consumers.



**FROST PROTECTIVE COVERING.**

(PATENTED.)

**For Gas or Water Pipes.**

This Covering is made in sections three feet long, and is composed of alternate layers of corrugated and plain soft wool felting. It forms the neatest, most efficient and economical covering for the prevention of freezing in gas and water pipes, that has ever been introduced. It is easily applied, in the same manner as our other Sectional Coverings.

We also make this covering with a wrap of canvas or water-proofed felt, for the protection of pipes which are exposed to the weather.

Elbows, Tees, Valves, etc., to match.

Inside Diameter of Pipe.	Covering, Per Foot.	Elbows, Each.	Tees, Each.	Valves Each.
$\frac{1}{2}$ & $\frac{3}{4}$ in. ....	12 cts.	15 cts.	21 cts.	16 cts.
1 " ....	13 "	15 "	21 "	16 "
1 $\frac{1}{4}$ " ....	14 "	15 "	21 "	16 "
1 $\frac{1}{2}$ " ....	15 "	15 "	21 "	16 "
2 " ....	17 "	17 "	23 "	18 "
2 $\frac{1}{2}$ " ....	19 "	19 "	27 "	27 "
3 " ....	22 "	22 "	32 "	32 "
3 $\frac{1}{2}$ " ....	25 "	25 "	34 "	34 "
4 " ....	28 "	28 "	38 "	38 "
4 $\frac{1}{2}$ " ....	30 "	30 "	40 "	40 "
5 " ....	32 "	32 "	43 "	43 "
6 " ....	37 "	37 "	49 "	49 "
7 " ....	40 "	40 "	55 "	55 "
8 " ....	45 "	45 "	62 "	62 "
9 " ....	50 "	50 "	69 "	68 "
10 " ....	57 "	57 "	75 "	75 "

We also make a water-proof covering for Ammonia and Brine Pipes in Breweries, etc. Send for special Price List.

**Liberal Discounts to large Consumers.**

**ASBESTOS CEMENT FELTING.**

(PATENTED.)

This is composed

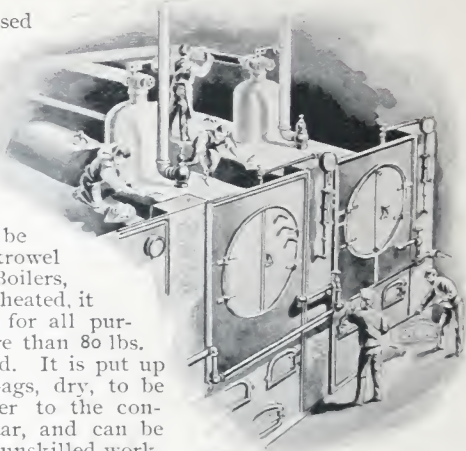
of Asbestos fibre,  
infusorial earth  
and a cement-  
ing compound,  
forming a  
light, porous  
covering, par-  
taking of the  
nature of a felt

and a cement, to be  
applied with a trowel  
to Steam Pipes, Boilers,  
Still, etc., while heated, it

is recommended for all pur-  
poses where more than 80 lbs.  
of steam is carried. It is put up  
in barrels and bags, dry, to be  
mixed with water to the con-  
sistency of mortar, and can be  
easily applied by unskilled work-

men. One barrel or bag contains sufficient material for cover-  
ing 40 square feet, flat surface, 1 inch thick.

Per barrel or bag.....\$3.75

**ASBESTO-SPONGE CEMENT FELTING.**

(PATENTED.)

This is an improvement upon our Asbestos Cement Felting, and is much lighter in weight. In this material are combined the valuable non-conducting and fire-proof qualities of Asbestos and Sponge, which form the basis of many of our most effective non-conducting materials. By the use of Asbesto-Sponge we have attained a degree of non-conduction never before possessed by any Plastic Covering, rendering it especially valuable as a lagging for locomotive boilers, etc.

Per barrel or bag.....\$4.00

NOTE.—When ordering Cement Felting, state which kind is wanted; if neither is specified, Asbesto-Sponge will be shipped.

**ASBESTOS HOT BLAST CEMENT FELTING**

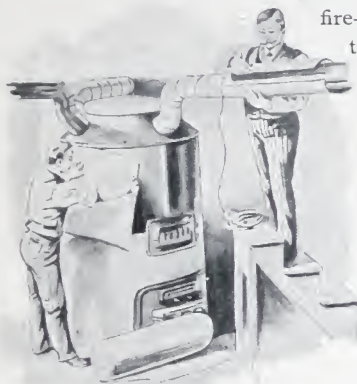
(PATENTED.)

Is largely composed of Asbestos and is the Standard Cover-  
ing for Hot Blast Pipes, Smoke Pipes and Fire Heated  
Surfaces. Per bbl.....\$5.50

**Liberal Discounts to large Consumers.**

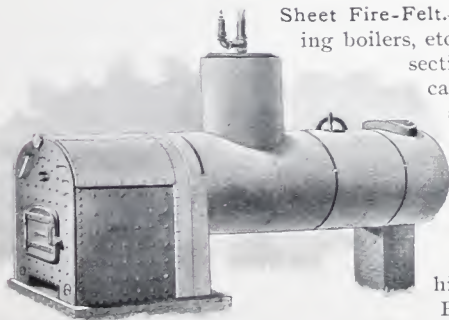
**ASBESTOS FIRE- FELT. (PATENTED.)**

**Roll Fire-Felt.**—This is a fire-proof Felt, composed entirely of Asbestos, and is similar in texture to hair felt. It is used for covering hot-air furnace pipes, lagging boilers of locomotives and high pressure steam-heating apparatus, and forms the best non-conducting lining under other coverings for similar purposes.



In rolls 300 sq. ft.,	36 in. wide,	$\frac{3}{8}$ in. thick	per sq. ft.,	6 cts.
" 300	" 36	" $\frac{1}{8}$	" " "	7 "
" 300	" 36	" $\frac{1}{4}$	" " "	10 "

**Sheet Fire-Felt.**—For covering boilers, etc., is made in sections, which can be removed and replaced without injury. It is especially valuable for Marine and other high pressure Boilers.



In sheets 3x2 feet,	$\frac{1}{2}$ in. thick	per sq. ft.,	15 cts.
" 3x2	" 1	" " "	22 "
" 3x2	" $1\frac{1}{2}$	" " "	28 "
" 3x2	" 2	" " "	35 "

**ASBESTO=SPONGE FELT. (PATENTED.)**

This is similar to Asbestos Fire Felt, but is more elastic and is adapted for all steam-heated surfaces. It is supplied in same form and at same prices as above.

**Liberal Discounts to large Consumers.**

**ASBESTOS SUPERATOR.**

(PATENTED.)

This fire and water-proof sheet has a foundation of wire cloth. It is adapted for lining ceilings, walls, partitions and all surfaces exposed to fire.

It also forms a strong and durable jacket for protecting Pipe and Boiler Coverings from moisture and injury from abrasion, and is especially valuable for steam pipes in mines and for marine boilers.

In rolls of 300 sq. ft., 39 in. wide.....per sq. ft., 10 cts.

Superator Jackets will be supplied with all Sectional Pipe Coverings at the following additional prices:

Size of Pipe, Inside Diameter,	Per Lineal Foot.	Size of Pipe, Inside Diameter.	Per Lineal Foot.
$\frac{1}{2}$ to $1\frac{1}{2}$ in.	10 cts.	5 to 6 in.	21 cts.
2 " $2\frac{1}{2}$ "	13 "	7 " 9 "	27 "
3 " $3\frac{1}{2}$ "	17 "	10 " 12 "	35 "
4 " $4\frac{1}{2}$ "	19 "		

**ASBESTOS LOCOMOTIVE LAGGING.**

(PATENTED.)

Composed of large strands or twisted rolls of pure Asbestos, woven with a fine Asbestos warp and lined with Asbestos Sheathing, forming a strong, matted, flexible material of great non-conducting power. It is fire and acid-proof, and is the strongest and most durable "Lagging" or Covering known for Locomotive Boilers and for Boilers and Pipes on Steamships. It can be cut in any desired shape, and can be easily removed.

About  $\frac{1}{2}$  inch thick, in rolls 36 in. wide; per sq. ft.....35 cts.

**ASBESTO=SPONGE=HAIR FELT.**

(PATENTED.)

This Felt is composed of Asbesto-Sponge and best hair, and forms a desirable Covering for Steam Pipes and Boilers for mining purposes, etc. It is very elastic and owing to the large proportion of Asbestos, is not liable to injury from steam heat. In rolls containing 350 to 425 sq. ft., each;  $\frac{3}{8}$  in. thick.

Per sq. ft.....9 cts.

**HAIR FELT.**

(Best quality, all thicknesses. See special list.)

In bales of 300 sq. ft., 6 ft. wide.

**ASBESTO=SPONGE FILLING.**

(PATENTED.)

For insulating Ice Cars, Refrigerators, Walls, Floors, etc. In bags or bbls. containing 25 lbs., per bag or bbl.....\$4.00

**Liberal Discounts to large Consumers.**

## ASBESTOS CORDED SHEATHING.

(PATENTED.)

This consists of pure Asbestos Sheathing, to the surface of which are attached loosely twisted rolls of Asbestos, forming a very strong fabric about  $\frac{1}{4}$  of an inch thick. It is particularly valuable as a fire-proof, non-conducting covering for Furnaces, Furnace Pipes and other fire-heated surfaces, etc.

In rolls containing 100 & 150 sq. ft., 36 in. wide; per sq. ft. 10 cts.

## ASBESTOS LINING FELT.

(PATENTED.)

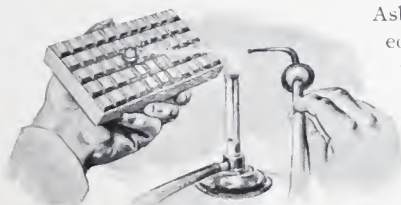
This material consists of pure Asbestos Sheathing, to one side of which is attached a layer of "flocked" or felted Asbestos, forming a strictly fire-proof, non-conducting lining for Hair Felt, protecting it from the injurious effects of heat when applied to Steam Pipes, Boilers, etc. Used alone, it is adapted for covering Furnaces, Furnace Pipes, fire-heated surfaces, etc.

In rolls 50 ft. long, and 12, 18, 24 & 36 in. wide; per sq. ft, 3½ cts.

### ASBESTOS SOLDERING BLOCKS.

(PATENTED.)

These are compressed Asbestos Blocks designed for the use of Dentists, Silversmiths and Jewelers, and will withstand intense heat. Soldering Blocks for special uses made to order.



Ring Blocks, for soldering stone-set rings, per doz.....	\$8.25
Watch Case and Jewelry Blocks, cup shaped, with socketed handle, per doz.....	5.75
Ingot Blocks, with mould for forming ingots, also for fine soldering work, per doz.....	4.25
Spectacle Blocks, for spectacles and eyeglasses, per doz..	8.15
Wire Blocks, grooved for soldering wires, per doz.....	3.55

**Soldering Blocks, plain or corrugated :—**

6x2½ in., per doz.....	\$2.10	6x 8 in., per doz.....	\$4.40
4x4     "     "     .....	2.25	6x12   "     "     .....	5.00
6x4     "     "     .....	2.50	12x12   "     "     .....	9.00
6x6     "     "     .....	3.00		

Other sizes to order. See special circular.

### Liberal Discounts to large Consumers.



## GLASS WORKERS' SHEETS, SHOVELS, ETC.

(PATENTED.)



These Sheets are made from Asbestos sufficiently hardened and stiffened to withstand rough usage.

We furnish them flat, for laying out glassware; curved, flanged, or of special shape, for carrying small ware, or as a substitute for shovels. See special pamphlet.

## Price List for Sheets.—Flat, Curved or Bent.

Size of Sheet.	$\frac{3}{8}$ in. thick.	$\frac{1}{16}$ in. thick.	Size of Sheet.	$\frac{3}{8}$ in. thick.	$\frac{1}{16}$ in. thick.
6x 8 in.	24 cts.	30 cts.	12x16 in.	43 cts.	54 cts.
8x 8 "	26 "	32 "	20x24 "	1.07 "	1.34 "
10x10 "	27 "	34 "	24x24 "	1.28 "	1.60 "
10x12 "	28 "	35 "	30x30 "	2.00 "	2.50 "
12x12 "	32 "	40 "			

## CARRYING-OFF SHOVELS.

For carrying bottles, flasks, lamps, etc., from blowers to annealing ovens.

Size of Sheet	$\frac{3}{16}$ in. thick.	Size of sheet	$\frac{3}{16}$ in. thick.
6x 8 in.	46 cts.	10x12	52 cts.
8x 8 "	48 "	12x12	55 "
10x10 "	50 "		

## ASBESTOS TUBES—For Glass Works, Etc.

5½ in. long,	1 in. o. d.,	¾ in. hole,	per 100	\$11.50
7 "	1 "	¾ "	"	12.75
9 "	5/8 "	¾ "	"	4.50
10 "	5/8 "	¾ "	"	5.75
12 "	5/8 "	¾ "	"	6.25
15 "	5/8 "	¾ "	"	7.00

## ASBESTOS FORK TINES—For Carrying-off Forks.

Price, per tine.....20 cts.

Liberal Discounts to large Consumers.

**ASBESTOS BUILDING FELT.**

This is a fire-proof Sheathing or Lining Felt, and on account of its non-conducting qualities, is largely used for lining weather-boards, floors, wood partitions, R.R. Cars, etc. It will not disintegrate by age, is odorless and vermin-proof. For fire-proof construction, several thicknesses should be used.

In rolls of about 70 lbs., 36 in. wide, in three thicknesses, as follows :

Thin ; about 6 lbs. to 100 sq. ft.	} Per lb.
Medium ; " 10 " " 100 "	
Heavy ; about 14 lbs. to 100 sq. ft.....	
	10 cts.

**ASBESTOS SHEATHING.**

This is composed of pure white, long-fibred Asbestos, and is strictly fire-proof. It is valuable for covering wood partitions, walls and ceilings, fire screens, and other surfaces in danger of taking fire.

In rolls of from 60 to 100 lbs., 40 in. wide...	} Per lb... 13 cts.
Thin ; about 6 lbs. to 100 sq. ft.....	
Double-thick, about 10 lbs. to 100 sq. ft....	

**ASBESTOS WATER-PROOF SHEATHING.**

(PATENTED.)

This is a strictly Fire and Water-proof Sheathing, composed exclusively of Asbestos, and rendered permanently water-proof by a chemical process, which gives it greater strength than other Asbestos Sheathings or Felts of twice its weight and thickness. It is adapted for the same purposes as the Asbestos Sheathing, but as it is also acid-proof, it is especially valuable for use in various mechanical arts.

In rolls 40 in. wide, about 7 lbs. to 100 sq. feet.; per lb.. 15 cts.

**Liberal Discounts to large Consumers.**

## ASBESTOS STEAM PACKINGS.

(PATENTED).

### Piston Rod Packing.



Our Standard Asbestos Piston-Rod Packing is composed of the best quality long-fibre Asbestos, spun into strands and combined with our patented elastic core into a rope of any desired size, and forms a compact and durable Packing for locomotives, marine and other engines, valve-stems, oil pumps, expansion joints, etc. It requires less oil than any other, being to a great extent self-lubricating, and will outwear any other packing.

This Packing is easily applied, and is indestructible by acids, long exposure to dampness, or any degree of heat. Lubricating oils made from petroleum work as well with it as lard or sperm.



Standard Asbestos Packing, on reels containing 10, 15, 25 and 50 lbs. each. Regular sizes from  $\frac{1}{4}$  to  $2\frac{1}{2}$  inches in diameter; per lb. .... 45 cts.

Also in the above sizes :

Asbestos Braided Packing; per lb. .... 45 cts.

"XX" Asbestos Packing ..... 35 cts.

"Canadax" Asbestos Packing ..... 35 cts.

We also manufacture special forms of Asbestos Packings.

### ASBESTOS WOUND CLOTH PACKING.

For piston rods of triple and quadruple expansion engines and high pressure engines generally. It is made from layers of Asbestos cloth coated with our Asbestos and rubber composition. This packing is very strong and elastic and is suitable for joints of all kinds, including wet and low pressure steam, hot and cold water. Regular sizes up to 3 inches diameter.



CLASS A.



CLASS B.



CLASS C.



CLASS D.



CLASS E.



CLASS F.



CLASS G.



CLASS H.



CLASS I.



CLASS K.

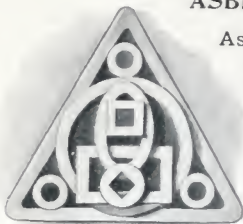


CLASS L.

Liberal Discounts to large Consumers.



## ASBESTOS GASKETS.



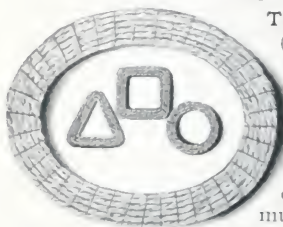
**Asbestos Millboard Gaskets.** All sizes not exceeding 42 inches outside diameter, from 1-32 to 1-2 of an inch thick, cut to order from Asbestos Mill-Board—weight less than one-half as much as India-Rubber.

Regular shapes, round or square ;  
per lb.....\$0.70

Rings and Washers, 3 inches or less in diameter ; per lb.....\$1.25

**Asbestos Impermeable Gaskets.** Regular shapes, per lb. .80

Rings and Washers, per lb..... 1.40



**The "Multiplex" Asbestos Gasket.**

(Patented.) This improved Gasket is made of Asbestos Spun Yarn, coiled into the shape required, and bound together in compact, portable form. It withstands heat and moisture without injury, and is very flexible and strong. Each coil makes a complete packing, so a multiplicity of them ensures a tight joint. This Gasket is also compressible,

so that it will take up the inequalities of rough surface joints. It can easily be punched for bolts, etc. Can be made of any size in one piece. It will not adhere to the jointing surfaces, and can be easily removed and replaced without injury.

Per pound .....\$1.00

Send pattern or drawing with orders for irregular shapes.

## ASBESTOS AND RUBBER CLOTH.

This is composed of Asbestos Cloth covered with a composition of Asbestos and India-Rubber, and forms a superior flat packing. Being very elastic, it adapts itself to all uneven surfaces, forming a perfect joint, steam, acid and air-tight. In sheets and rolls 40 in. wide ; weight about 7 oz. per sq. ft.

We also make two and three-ply ; per lb.....\$ .80

**Asbestos and Rubber Tape.** A braided Asbestos Band or Tape, covered with our improved Asbestos and India-Rubber composition, for forming Gaskets, etc. We make all widths from 5-16 to 2 1/4 inches ;

per lb..... 1.00

**Asbestos and Rubber Rings and Gaskets,** with cemented lap joints, made to order from our Asbestos and Rubber Tape ; per lb ..... 1.25

**Liberal Discounts to large Consumers.**



**ASBESTOS FIRE-PROOF ROPE.**

For Fire-Escapes, Fire-proof Ladders, etc.

$\frac{5}{8}$ inch diam.,	2 $\frac{5}{8}$ oz. per foot ;	tensile strength.....	2120 lbs.
$\frac{3}{4}$ " "	4 $\frac{1}{8}$ " " " " " "	.....	3960 "
All sizes from $\frac{1}{2}$ inch to 2 inches diameter ;			per lb.....90 cts.

**ASBESTOS CORD.**

This is a strong, hard-finished, four-strand Cord, about one-eighth of an inch diameter. It is valuable for suspending Metals, Retorts, Crucibles, etc., in contact with fire, and for use in theatres, chemical and acid works, etc. It is fire and acid-proof, and is largely used for covering rollers in print works, etc. Larger sizes will be made to order.

In 1-lb. balls ; per lb.....\$1.00

**ASBESTOS TWINE.**

This is a strong, hard-finished, three-strand Twine, about one-sixteenth of an inch diameter. It is fire and acid-proof, and its uses are similar to those of our Asbestos Cord.

In 1-lb. balls ; per lb. ....\$1.00

**ASBESTOS SEWING TWINE.**

A very fine, strong, hard-finished Twine, used for sewing our Asbestos Cloth, and for binding materials exposed to the action of fire or acids ; also for philosophical and chemical apparatus. It is also adapted for insulating electric wires, etc.

In  $\frac{1}{2}$ -lb. balls ; per lb.....\$1.50

**ASBESTOS FIBRE.**

Prepared for packing journal boxes, filtering chemicals, wiping galvanized wire, filling torches, fuel cartridges, and other special purposes.

Prices on application.

**Liberal Discounts to large Consumers.**

## ASBESTOS FURNACE CEMENT.



The strongest and most durable cement in use for "setting-up" and repairing broken joints in Furnaces, Ranges, Heaters, Stoves, etc. It is prepared ready for use, adheres readily and firmly to castings, tin, etc., and "sets" in a few hours. When subjected to heat it vitrifies without shrinking or becoming porous; it is inodorous, and effectually prevents escape of smoke, gases and dust, thus insuring perfect draught.

It is invaluable for lining Furnace Doors of Steam Boilers, or as a protection for any work exposed to direct heat, flames, etc.

	Per lb.		Each.
Casks, 600 to 400 lbs.	4½ cts.	10-lb. Cans	\$1.00
Kegs, 300 to 100 "	5 "	5-lb. "	.60
Pails, 50 and 25 "	6 "	2-lb. "	.35
		1-lb. Cans, per doz.	\$2.25

## ASBESTOS CLOTH.

We manufacture strictly pure Asbestos Cloth in three standard thicknesses—Fine, Medium and Heavy. It is unaffected by fire, acids or mineral oils, and is extensively used for filtering acids, and as a filter cloth for domestic purposes, sugar works, etc. It is made into theatre curtains and screens, aprons and mittens, for use in smelting works, iron and steel furnaces, etc., as a protection against fire, heat and red-hot metal, and is also used for covering rollers in print works.

Fine, weight about 3½ oz. to 1 sq. ft., per yd.	{ 25 in. wide, \$1.90
Medium, " " 4¾ " " " "	{ 36 in. wide, 2.25
Heavy, " " 6¼ " " " "	{ 36 in. wide, 3.00
Heavy Twilled.....	" " 3.50
	3.75

Other Widths made to order.

Fire-proof Theatre Curtains, Screens, Covers, etc., to order.

Asbestos Mittens, per pair.	{ Style A, \$1.50
Asbestos Leggings, per pair.....	{ " B, 1.25
	5.75

Liberal Discounts to large Consumers.

## ASBESTOS PLASTIC STOVE LINING.

This material is composed of Asbestos and other fire-proof materials, prepared ready for use in the form of a plastic cement easily applied with a trowel, forming a durable and economical Lining for cooking and heating stoves and ranges, hot-air and boiler furnaces, furnace doors, etc. It is also useful for repairing broken fire brick, iron linings, etc., exposed to fire heat, and is invaluable as a fire mortar for laying and facing fire brick and bridge walls in boiler furnaces, as it will not warp or burn out, and clinkers will not attach to it.



	Per lb.	Each.
Casks, 600 to 400 lbs...	4 cts.	10-lb. Cans ..... 75 cts.
Kegs, 300 to 100 " ...	4½ "	5-lb. " ..... 50 "
Pails, 50 and 25 lbs...	5 "	

## ASBESTOS RETORT CEMENT.

This Cement is now in general use in Gas and Chemical Works for repairing broken clay and iron Retorts, Pipes, etc., and for cementing fittings, connecting-pipes, flange-joints, etc.; also for cementing joints in stone, wood and metals. It is composed of Asbestos and fire and acid-proof cementing materials, is prepared ready for use, can be easily applied with a trowel, and hardens rapidly. When subjected to intense heat it vitrifies without shrinking; it is not injured by nitric or sulphuric acids, petroleum oils, etc., and effectually prevents the escape of vapors.

Casks, 600 to 400 lbs., per lb.....	4½ cts.
Kegs, 300 to 100 " " .....	5 "
Pails, 50 and 25 " " .....	6 "
10-lb. Cans, each .....	\$1.00
5 " " " .....	60 cts.

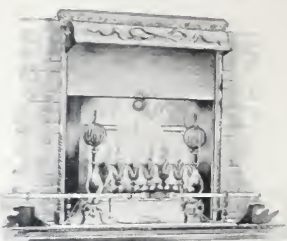
## ASBESTOS GASKET CEMENT.

A fire, acid and water-proof cement, for forming air-tight steam joints and for cementing Mill-Board, Asbestos Cloths, Sheathing, etc. In 1, 2 and 5-lb. cans, per lb. .... 20 cts.

**Liberal Discounts to large Consumers.**

**ASBESTOS FIRE-PLACE CURTAIN BLOWER.**

This curtain is attached to an automatic spring roller in the frame or inside of the fire-place opening. It takes the place entirely of the unsightly and unmanageable sheet-iron blower, and when not in use may be rolled up out of sight. The draft is regulated by raising or lowering the curtain. When drawn down it serves as a summer front which may be decorated as desired.



Prices and Special Designs on Application.

**ASBESTOS STOVE POLISHER.**

This is an ordinary brush back with a face of Asbestos Cloth instead of bristles. The cloth is backed by a soft Asbestos pad and may be used on the hottest stove without harm or unpleasant odor. Each, 25 cts.

**ASBESTOS STOVE MAT.**

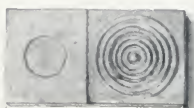
This Mat is a disc of Asbestos bound by a metal rim, and is used to prevent food from scorching while being cooked.

Each, 10 cts.

**ASBESTOS FLAT-IRON HOLDER.**

This is a soft heat-insulating pad faced with Asbestos Cloth.

Each, 10 cts.

**ASBESTOS FLAT-IRON REST.**

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